

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal649axm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change
to PHARMASEARCH
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents
Index
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased
NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 6 Oct 22 Over 1 million reactions added to CASREACT
NEWS 7 Oct 22 DGENE GETSIM has been improved
NEWS 8 Oct 29 AAASD no longer available
NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2
NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN
NEWS 11 Nov 29 COPPERLIT now available on STN
NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers
NEWS 13 Nov 30 Files VETU and VETB to have open access
NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 15 Dec 10 DGENE BLAST Homology Search
NEWS 16 Dec 17 WELDASEARCH now available on STN
NEWS 17 Dec 17 STANDARDS now available on STN
NEWS 18 Dec 17 New fields for DPCI
NEWS 19 Dec 19 CAS Roles modified
NEWS 20 Dec 19 1907-1946 data and page images added to CA and Cplus
NEWS 21 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 22 Jan 25 Searching with the P indicator for Preparations
NEWS 23 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 24 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
frequency
NEWS 25 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 26 Mar 08 Gene Names now available in BIOSIS

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:51:46 ON 12 MAR 2002

=> file agricola biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.15	0.15

FULL ESTIMATED COST

FILE 'AGRICOLA' ENTERED AT 10:51:54 ON 12 MAR 2002

FILE 'BIOSIS' ENTERED AT 10:51:54 ON 12 MAR 2002
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=> s anther color (5w) red
L1 2 ANTHR COLOR (5W) RED

=> s l1 and (corn or maize)
L2 0 L1 AND (CORN OR MAIZE)

=> s glume color (adj10) red
MISSING OPERATOR 'COLOR (ADJ10'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s glume color (adj10) red
MISSING OPERATOR 'COLOR (ADJ10'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s glume color (adj5) red
MISSING OPERATOR 'COLOR (ADJ5'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s glume color (10w) red
L3 1 GLUME COLOR (10W) RED

=> s l3 and (maize or corn)
L4 0 L3 AND (MAIZE OR CORN)

=> s silk color (10w) red
L5 0 SILK COLOR (10W) RED

=> s cob color (10w) red
L6 0 COB COLOR (10W) RED

=> s ph3av and (maize or corn)
L7 0 PH3AV AND (MAIZE OR CORN)

=> s early flower? and (corn or maize)
L8 52 EARLY FLOWER? AND (CORN OR MAIZE)

=> s l8 and good seed quality
L9 0 L8 AND GOOD SEED QUALITY

=> s l8 and very good plant health
L10 0 L8 AND VERY GOOD PLANT HEALTH

=> s l8 and good early growth
L11 0 L8 AND GOOD EARLY GROWTH

=> s l8 and northwestern
L12 0 L8 AND NORTHWESTERN

=> s 18 and western canada
L13 0 L8 AND WESTERN CANADA

=> s good seed and (maize or corn)
L14 9 GOOD SEED AND (MAIZE OR CORN)

=> s 114 and good stalk?
L15 0 L14 AND GOOD STALK?

=> s 114 and hard kernel
L16 0 L14 AND HARD KERNEL

=> s 18 and hard kernel
L17 0 L8 AND HARD KERNEL

=> s 114 and high yield
L18 0 L14 AND HIGH YIELD

=> s 18 and high yield
L19 2 L8 AND HIGH YIELD

=> d 1-2 ti

L19 ANSWER 1 OF 2 AGRICOLA
TI Temperate **maize** inbreds derived from tropical germplasm. II.
Inbred yield trials.

L19 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Temperate **maize** inbreds derived from tropical germplasm: II.
Inbred yield trials.

=> d 1=2 ab
UNITS CONVERSION IS NOT AVAILABLE IN THE CURRENT FILE

=> d 1-2 ab

L19 ANSWER 1 OF 2 AGRICOLA
AB Tropical **maize** (*Zea mays* L.) is a germplasm resource that may contribute genes for **high yield** and disease resistance to temperate breeding programs. Yet, this resource has not been utilized extensively, mainly because of the poor agronomic performance and photoperiod sensitivity that often accompany tropical germplasm. The objective of this study was to determine the agronomic performance of 95 inbred lines derived in North Carolina from 100% tropical germplasm. Ninety-five lines were derived from seven tropical commercial hybrids and intercrosses among them, using two complete cycles of pedigree selection. Visual selection emphasized **early flowering**, silk-tassel synchrony, low ear placement, standability, prolificacy, and ear quality. The inbreeding coefficient of plants within these lines was 0.96 to 0.98. Agronomic performance was evaluated in inbred yield trials during 1990 at three locations. Grain yields ranged from 0.68 to 3.76 Mg ha⁻¹. The highest yielding check inbred, NC252 (an improved B73), yielded 3.65 Mg ha⁻¹, slightly less than the best experimental inbred. Mean percent stalk lodging ranged from 0 to 16%, and root lodging was infrequent. Grain moisture at harvest was mostly within the range of the checks. The genetic correlation between grain yield and number of ears per plant was 0.72, while the correlation between grain yield and moisture was not significant. Several lines possessed excellent combining ability and inbred performance. The best line, 1497-2, produced testcrosses competitive with the best commercial hybrids and as a line per se performed as well as the best public inbreds available for North Carolina.

L19 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AB Tropical **maize** (*Zea mays* L.) is a germplasm resource that may contribute genes for **high yield** and disease resistance to temperate breeding programs. Yet, this resource has not been utilized extensively, mainly because of the poor agronomic performance and photoperiod sensitivity that often accompany tropical germplasm. The objective of this study was to determine the agronomic performance of 95 inbred lines derived in North Carolina from 100% tropical germplasm. Ninety-five lines were derived from seven tropical commercial hybrids and intercrosses among them, using two complete cycles of pedigree selection. Visual selection emphasized **early flowering**, silk-tassel synchrony, low ear placement, standability, prolificacy, and ear quality. The inbreeding coefficient of plants within these lines was 0.96 to 0.98. Agronomic performance was evaluated in inbred yield trials during 1990 at three locations. Grain yields ranged from 0.68 to 3.76 Mg ha⁻¹. The highest yielding check inbred, NC252 (an improved B73), yielded 3.65 Mg ha⁻¹, slightly less than the best experimental inbred. Mean percent stalk lodging ranged from 0 to 16%, and root lodging was infrequent. Grain moisture at harvest was mostly within the range of the checks. The genetic correlation between grain yield and number of ears per plant was 0.72, while the correlation between grain yield and moisture was not significant. Several lines possessed excellent combining ability and inbred performance. The best line, 1497-2, produced testcrosses competitive with the best commercial hybrids and as a line per se performed as well as the best public inbreds available for North Carolina.

=> d 1-2 so

L19 ANSWER 1 OF 2 AGRICOLA

SO Crop science, May/June 1995. Vol. 35, No. 3. p. 785-790
Publisher: Madison, Wis. : Crop Science Society of America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X

L19 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

SO Crop Science, (1995) Vol. 35, No. 3, pp. 785-790.
ISSN: 0011-183X.

WEST Search History

DATE: Tuesday, March 12, 2002

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

L17	L16 and good early growth	21	L17
L16	L15 and high grain yield	129	L16
L15	early flowering and (corn or maize)	389	L15
L14	early flowering (corn or maize)	1	L14
L13	(corn or maize) and ph3av	1	L13
L12	L9 and early flowering	0	L12
L11	L9 and high grain yield	0	L11
L10	L9 and PH3av	0	L10
L9	L8 and l6 and l4 and l2	1	L9
L8	L7 and (corn or maize)	211	L8
L7	cob color adj5 red	211	L7
L6	L5 and (corn or maize)	16	L6
L5	glume color adj5 red	16	L5
L4	L3 and (corn or maize)	53	L4
L3	silk color adj5 red	53	L3
L2	L1 and (corn or maize)	66	L2
L1	anther color adj5 red	87	L1

END OF SEARCH HISTORY